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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/773,473	02/01/2001	Adrian P. Wise	100417(EP)USD1X1C1D6 PDD	4618
22887	7590	03/08/2004	EXAMINER NGUYEN, DUSTIN	
DISCOVISION ASSOCIATES INTELLECTUAL PROPERTY DEVELOPMENT 2355 MAIN STREET, SUITE 200 IRVINE, CA 92614			ART UNIT 2154	PAPER NUMBER 15

DATE MAILED: 03/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/773,473

Applicant(s)

WISE ET AL.

Examiner

Dustin Nguyen

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 15 January 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. Claims 1 – 13 are considered for examination.

***Response to Remarks***

2. As per remarks, Applicants' argue that (1) Horvath discloses only processes the data of a single standard.
3. As to point (1), Horvath discloses that his invention can be enhanced with the addition of a block 64 that performs MPEG standard, and two frames of image data are processed by the DCT 40 [ col 10, lines 17-26 ].
4. As per remarks, Applicants' argued that (2) Horvath does not show circuitry capable of "reconfiguration".
5. As to point (2), Horvath discloses other functions may included in his invention [ i.e. image scaling, color, conversion, etc... ] [ col 10, lines 27-37 ].
6. As per remarks, Applicants' argued (3) about the definition and the function of "token" and "a multi-standard token" that are not disclose in Horvath reference.

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7. As to point (3), in response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., "token" is defined as universal adaptation unit in the form of an interactive interfacing messenger package for control and/or data functions, and a multi-standard token is a way of mapping MPEG, JPEG, and H.261 data streams onto a single decoder using a mixture of standard dependent and standard independent hardware and control tokens.) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). It would have been more helpful to include the definitions in the claimed language to clarify the invention.

***Claim Rejections - 35 USC § 102***

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

9. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Horvath et al. [US Patent No 5450599 ].

10. As per claim 1, Horvath discloses the invention as claimed including a multi-standard decoder for decoding data streams comprising:

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processing stages interconnected to form a pipeline [ Abstract ] and for processing tokens [ blocks ] derived from one or more of the data streams [ col 7, lines 63-col 8, lines 2 ],

the processing stages including standard-independent [ col 6, lines 12-14; and col 8, lines 3-24 ] and standard-dependent processing stages [ Abstract; and col 3, lines 63-col 4, lines 12 ], wherein the standard-dependent processing stages capable of reconfiguration to operate in accordance with different data encoding standards [ col 1, line 33-41, and col 5, line 15-30 ]; and

wherein the tokens provide reconfiguration information to the standard-dependent processing stages [ col 1, lines 33-51 ].

11. As per claim 2, Horvath discloses each of the tokens includes an extension indicator that indicates whether additional words are present [ col 5, lines 24-30; and col 8, lines 24-27 ].

12. As per claim 3, Horvath discloses one of the standard-dependent processing stages comprises an inverse quantizer [ Figure 4 ].

13. As per claim 4, Horvath discloses one of the tokens comprises a first QUANT\_TABLE token [ col 9, line 32-46 ].

14. As per claim 5, Horvath discloses the inverse quantizer recognizes the first QUANT\_TABLE token [ col 7, line 7-13 ] and, responsive to a first state of the extension indicator in a first word of the first QUANT\_TABLE token, generate a second QUANT\_TABLE token to be conveyed to another of the processing stages [ col 9, line 55-col 10, lines 9 ].

15. As per claim 6, Horvath discloses the second QUANT\_TABLE token includes quantization table values [ col 3, line 64-col 4, lines 3 ].

16. As per claim 7, Horvath discloses responsive to a second state of the extension indicator of the first word of the QUANT\_TABLE token, the inverse quantizer installs a quantization table of the first QUANT\_TABLE token in a memory [ col 7, line 7-13 ].

17. As per claim 8, it is method claimed of claim 1, it is rejected for similar reasons as stated above in claim 1.

18. As per claim 9, it is rejected for similar reason as stated above in claim 2. Furthermore, Horvath discloses the states to indicate reconfiguration information [ col 2, lines 45-55 ].

19. As per claim 10, it is method claimed of claims 4 and 5, it is rejected for similar reasons as stated above in claims 4 and 5.

20. As per claim 11, it is rejected for similar reason as stated above as in claim 6. Furthermore, Horvath discloses quantization table values to be used by the another processor [ col 5, line 41-48 ].

21. As per claim 12, it is rejected for similar reason as stated above in claim 7.

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22. As per claim 13, it is rejected for similar reasons as stated above as in claim 1.

23. A shortened statutory period for response to this action is set to expire **3 (three) months and 0 (zero) days** from the mail date of this letter. Failure to respond within the period for response will result in **ABANDONMENT** of the application (see 35 U.S.C 133, M.P.E.P 710.02, 710.02(b)).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (703) 305-5321. The examiner can normally be reached on Monday – Friday (8:00 – 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (703) 306-8498.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directly to the receptionist whose telephone number is (703) 305-3900.

Dustin Nguyen

  
JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100